

© EPODOC / EPO

PN - JP3195780 A 19910827  
PD - 1991-08-27  
PR - JP19890337755 19891225  
OPD - 1989-12-25  
TI - GUARD WAX  
IN - AIZAWA MAKOTO;YAMANE TAKAKAZU;TANIMOTO YOSHIO  
PA - MAZDA MOTOR  
IC - C09D5/00 ; C09D7/12

© WPI / DERWENT

TI - Guard wax preventing permeation of IR rays - contains heat reflective powder preventing painted film corrosion by e.g. acidic rain

PR - JP19890337755 19891225  
PN - JP3195780 A 19910827 DW199140 000pp  
PA - (TOYO ) TOYO KOGYO CO  
IC - C09D5/00 ;C09D7/12  
AB - J03195780 Guard wax for protecting painted surface contains 0.5-10.0 wt.% heat reflective powder in it.  
- Pref. the base guard wax comprises pref.5-7% high melting modified wax, 1-2% high melting synthetic wax, 2-3% petroleum wax A, 3-4% petroleum wax B, 0.1-0.2% special metal soap, 0.2+/-0.02 % antioxidant, 0.1 +/- 0.02 % UV absorber and petroleum solvent.  
Pigment is e.g, Al powder of leaf type having a particle size of 10-30 microns, a thickness of flake of 0.1-0.3 microns and an IR reflectivity of 64-82% or mica powder prepd. by coating mica flakes having a particle size of 5-140 microns and a thickness of flake of 0.1-1 microns and coated with TiO<sub>2</sub>.  
- USE/ADVANTAGE - Heat reflective powder prevents the permeation of IR rays in sunlight to the painted film to control the temp. increase of painted film and to prevent corrosion of painted film by an acidic liq. such as acid rain. It is used for motor cars in a car pool. (4pp Dwg.No.0/0)

OPD - 1989-12-25  
AN - 1991-292728 [40]

© PAJ / JPO

PN - JP3195780 A 19910827  
PD - 1991-08-27  
AP - JP19890337755 19891225

- IN - AIZAWA MAKOTO; others:02
- PA - MAZDA MOTOR CORP
- TI - GUARD WAX
- AB - PURPOSE:To obtain a guard wax effective in reflecting infrared radiation of solar light, etc., to keep a coating film from the radiation, suppressing the temperature rise of the coating film and preventing the corrosion of the coating film with acid rain, etc., by adding a specific amount of a heat-reflecting powdery material to a guard wax base.
- CONSTITUTION:The objective guard wax can be produced by adding 0.5-10.0wt.% of a heat-reflecting powdery material (e.g. aluminum pigment powder or mica pigment powder) to a guard wax base.
- C09D5/00 ;C09D7/12